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FE 6033 (US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
Luigi Resconi et al. )  
Serial No.: 10/520,565 ) Examiner: Unknown  
Filed: January 7, 2005 ) Art Unit: Unknown  
For: CATALYST SYSTEM FOR THE )  
POLYMERIZATION OF OLEFINS )

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 4, 2005

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is being filed before the first Office action on the merits.

The following documents were cited in the International Search Report (copy enclosed) and are included on Form PTO-1449: WO 01/62764; Bernd Wrackmeyer et al., "Nuclear magnetic resonance studies on boron compounds, X. Boron-11, nitrogen-14 and proton NMR studies on boryl-substituted thiophene, furan, and N-methylpyrrole and related systems: interaction of sp<sub>2</sub>-boron atoms with pi-systems," Chemische Berichte, Vol. 109(3), p. 1075-1088 (1976); Database Caplus, Chemical Abstracts Service, Columbus, Ohio, Tadami Kamaishi et al., "Polymerization of alpha-olefin," (XP002264600) Database accession no. 71:92059 (abstract) & JP 44 013148 B; Database Caplus, Chemical Abstracts Service, Columbus, Ohio, Tadami Kamaishi et al., "Polypropylene," (XP002264601) Database accession no. 70:88432 (abstract) & JP 43 029756 B; and Database Caplus, Chemical Abstracts Service, Columbus, Ohio, Tadami Kamaishi et al., "Crystalline polyolefins," (XP002264602) Database accession no. 71:22482 (abstract) & JP 44 006828 B. Copies of these references are not enclosed herewith inasmuch as copies of these documents have been sent by the International Bureau and received by the

USPTO.

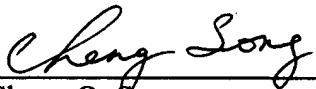
References cited in the application are also included on Form PTO-1449, and copies of these references are enclosed.

No payment is believed to be due; however, the Commissioner is hereby authorized to charge USPTO deposit account 08-2336 any payment due and to credit any overpayment thereto.

Respectfully submitted,

**Luigi Resconi et al.**

By:



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Enclosures

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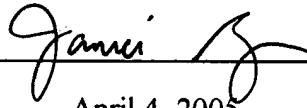
I hereby certify that this correspondence is being deposited with sufficient postage thereon with the United States Postal Service as first class mail on April 4, 2005, in an envelope addressed to:

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**Form PTO-1449**

APR 0 1965

**Document Number (optional)**

**Application Number**

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

**(Use several sheets if necessary)**

**Applicant**

Luigi Resconi et al.

**Filing Date**

January 7, 2005

#### **GROUP ART UNIT**

UNKNOWN

## **U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	0 4 1 6 8 1 5	03/13/91	EP	C07F	7/10		
	0 4 2 0 4 3 6	04/03/91	EP	C07F	7/00		
	0 6 4 3 0 6 6	03/15/95	EP	C07F	17/00		
	0 6 7 1 4 0 4	09/13/95	EP	C07F	17/00		
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**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

B. Temme et al., "Oxidative  $\eta^2$ -iminoacyl formation by reaction of amidozirconocene complexes with tris(pentafluorophenyl)borane," Journal of Organometallic Chemistry, Vol. 488, p. 177-182 (1995)

M. Brookhart et al., "Highly Active Iron and Cobalt Catalysts for the Polymerization of Ethylene," J. Am. Chem. Soc., Vol. 120, p. 4049-4050 (1998)

M. Brookhart et al., "New Pd(II)- and Ni(II)-Based Catalysts for Polymerization of Ethylene and  $\alpha$ -Olefins," J. Am. Chem. Soc., Vol. 117(23), p. 6414-6415 (1995)

**EXAMINER** \_\_\_\_\_, **DATE CONSIDERED** \_\_\_\_\_, **SEARCHED**, **INDEXED**, **SERIALIZED**, **FILED**, **APR 11 1968**, **U.S. PATENT OFFICE**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



 <b>Form PTO/SB/1449</b> <small>U.S. PATENT &amp; TRADEMARK OFFICE</small>	<b>Document Number (optional)</b> <b>FE 6033 (US)</b>	<b>Application Number</b> <b>10/520,565</b>
<b>Applicant</b> <b>Lulgi Resconi et al.</b>		
<b>Filing Date</b> <b>January 7, 2005</b>		
<b>GROUP ART UNIT</b> <b>UNKNOWN</b>		
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		

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U. S. PATENT DOCUMENTS

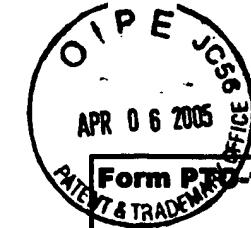
## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	9 1 0 4 2 5 7	04/04/91	WO	C07F	7/00		
	9 6 2 3 0 1 0	08/01/96	WO	C08F	210/16		
	9 6 2 7 4 3 9	09/12/96	WO	B01J	31/18		
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	M. Brookhart et al., "Copolymerization of Ethylene and Propylene with Functionalized Vinyl Monomers by Palladium(II) Catalysts," <u>J. Am. Chem. Soc.</u> , Vol. 118, p. 267-268 (1996)
	V. Gibson et al., "Novel olefin polymerization catalysts based on iron and cobalt," <u>Chem. Commun.</u> , p. 849-851 (1998)
	H. W. Roesky et al., "Metallacyclodisiladiazanes of Titanium and Zirconium; Synthesis, Structure and Polymerization Studies," <u>Chem. Ber./Recueil</u> , Vol. 130, p. 399-403 (1997)
<b>EXAMINER</b>	<b>DATE CONSIDERED</b>

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Form PTE-1449

**Document Number (optional)**

**Application Number**

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

**(Use several sheets if necessary)**

## Applicant

**Lulgi Resconi et al.**

**Filing Date**

January 7, 2009

GROUP ART UNIT

UNKNOWN

U. S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	9 9 2 1 8 9 9	05/06/99	WO	C08F	10/02		
	9 9 6 4 4 7 6	12/16/99	WO	C08F	4/603		
	0 1 6 2 7 6 4	08/30/01	WO	C07F	5/02		
4	4 0 1 3 1 4 8		JP				
4	3 0 2 9 7 5 6		JP				

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	Bernd Wrackmeyer et al., "Nuclear magnetic resonance studies on boron compounds, X. Boron-11, nitrogen-14 and proton NMR studies on boryl-substituted thiophene, furan, and N-methylpyrrole and related systems: interaction of sp <sub>2</sub> -boron atoms with pi-systems," <i>Chemische Berichte</i> , Vol. 109(3), p. 1075-1088 (1976)
	Database Caplus, Chemical Abstracts Service, Columbus, Ohio, Tadami Kamaishi et al., "Polymerization of alpha-olefin," (XP002264600) Database accession no. 71:92059 (abstract)
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<p>GROUP ART UNIT</p> <p><b>UNKNOWN</b></p>		

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Database Caplus, Chemical Abstracts Service, Columbus, Ohio, Tadami Kamaishi et al., "Crystalline polyolefins," (XP002264602) Database accession no. 71:22482 (abstract)

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